

CONTRACT REQUESTS FORM (CRF)

CEC-94 (07/10)

CALIFORNIA ENERGY COMMISSION



☐ New Contract ☒ Amendment to Existing Contract: 500-08-024 Amendment Number: 1

Division	Contract Manager:	MS-	Phone	CM Training Date
Energy Research and Development	Matt Coldwell	43	327-1473	5/26/2006

Contractor's Legal Name	Federal ID Number
Portland State University	48-1278529

Title of Project
Advanced Residential Energy and Behavior Analysis Project

Term	Start Date	End Date	Amount
New/Original Contract	7/21/2009	9/30/2012	\$ 1,213,787

Line up the Amendment information as best as possible within the following table.

Amendment #	End Date (mm/dd/yy)	Amount
Amendment 1	9/30/2014	\$984,100

Business Meeting Information			
Proposed Business Meeting Date	6/1/2011	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Matt Coldwell	Time Needed:	5 minutes

Agenda Item Subject and Description
Possible approval of Amendment 1 to Contract 500-08-024 for \$984,100 with Portland State University to better understand how households use energy so as to enable better policy models, better technologies and better-informed choices by residential consumers. This amendment will also add 24 months to the agreement. (PIER Natural Gas) (Contact: Matt Coldwell)

Business Meeting approval is not required for the following types of contracts: *Executive Director's signature is required in all cases.*

<input type="checkbox"/> Contracts less than \$10k (<i>Policy Committee's signature is also required</i>)
<input type="checkbox"/> Amendment for a no-cost time extension. Must be first extension, less than one year and original contract less than \$100k.
<input type="checkbox"/> Contracts less than \$25k for Expert Witness in Energy Facility licensing cases and amendments.

Purpose of Contract or Purpose of Amendment, if applicable
The purpose of the Advanced Residential Energy and Behavior Analysis (AREBA) project is to better understand how households use energy so as to enable better policy models, better technologies and better-informed choices by residential consumers. This is important as current natural gas forecasting models, and energy efficiency policies and programs rely on residential natural gas demand information that does not account for occupant behavior and choice. This amendment will allow the researchers to build upon the existing work by making use of new sources of data that were not available when the AREBA project was initiated. These new finer grained data will produce a more detailed picture of residential energy use patterns and provide greater accuracy predictions for use in energy policy and efficiency programs. The data include: advanced meter infrastructure (AMI) interval meter/time-of-use demand data, low-cost end-use measurement (EUM) technology data, detailed building/equipment characteristics data from new Energy Commission-sponsored energy audit programs, improved climate data from an expanded range of California micro weather stations, and detailed behavioral data from on-site ethnographic interviews and new behavioral survey instruments. Combined with work currently underway, a minimum of eighteen new studies of specific aspects of residential energy use and conservation will be produced.

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**California Environmental Quality Act (CEQA) Compliance**

1. Is Contract considered a "Project" under CEQA?

☐ Yes: skip to question 2☒ No: complete the following (PRC 21065 and 14 CCR 15378):

Explain why contract is not considered a "Project":

Contract will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because this is a study and data analysis project that will have no interaction with the environment. .

2. If contract is considered a "Project" under CEQA:

☐ a) Contract **IS** exempt. (Draft NOE required)☐ Statutory Exemption. List PRC and/or CCR section number: _____☐ Categorical Exemption. List CCR section number: _____☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why contract is exempt under the above section:

☐ b) Contract **IS NOT** exempt. The Contract Manager needs to consult with the Energy Commission attorney assigned to their division and the Siting Office regarding a possible Initial Study.

Budgets Information

Contract Amount Funded		Breakdown by FY			Funding Sources			
Funding Source	Amount	FY	Amount	Approved?	Funding Source	FY	Budget List No.	Amount
ARFVTF	\$	10-11	\$984,100	Yes	NG	09-10	501.001	\$984,100
ECAA	\$		\$					\$
State- ERPA	\$		\$					\$
Federal	\$		\$					\$
PIER - E	\$		\$					\$
PIER - NG	\$984,100		\$					\$
Reimbursement	\$		\$					\$
Other	\$		\$					\$
TOTAL:	\$984,100	TOTAL:	\$984,100		TOTAL:			\$984,100
Reimbursement Contract #:					Federal Agreement			

Contractor's Administrator/ Officer

Name: Martha Kierstead
 Address: Portland State University-Office of Research & Sponsored Projects
 PO Box 751 (ORSP)
 City, State, Zip: Portland, OR 97207-0751
 Phone/ Fax: (503) 725-8434 / (503) 725-3416
 E-Mail: kierstmj@pdx.edu

Contractor's Project Manager

Name: Loren Lutzenhiser
 Address: 724 Sw Harrison St
 724 SW HARRISON ST
 City, State, Zip: Portland, OR 97201-3299
 Phone/ Fax: 503-725-8743 /
 E-Mail: llutz@pdx.edu

Contractor Is☐ Private Company (including non-profits)☐ CA State Agency (including UC and CSU)☒ Government Entity (i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)**Selection Process Used**☐ Solicitation

Select Solicitation Type _____

Solicitation #: _____

☐ Non Competitive Bid (Attach CEC 96)☒ Exempt

Select Exemption _____

Civil Service Considerations☐ Not Applicable (Contract is with a CA State Entity or a membership/co-sponsorship)☒ Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)

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- ☐ The Services Contracted:
- ☐ are not available within civil service
 - ☐ cannot be performed satisfactorily by civil service employees
 - ☐ are of such a highly specialized or technical nature that the expert knowledge, expertise, and ability are not available through the civil service system
- ☐ The Services are of such an:
- ☐ urgent
 - ☐ temporary, or
 - ☐ occasional nature
- that the delay to implement under civil service would frustrate their very purpose.

Justification:

Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)

Payment Method

- ☒ A. Reimbursement in arrears based on:
- ☒ Itemized Monthly ☐ Itemized Quarterly ☐ Flat Rate ☐ One-time
- ☐ B. Advanced Payment
- ☐ C. Other, explain:

Retention

1. Is contract subject to retention? ☐ No ☒ Yes
- If Yes, Do you plan to release retention prior to contract termination? ☐ No ☒ Yes

Justification of Rates

The proposed rates are similar to the rates that were approved by the Energy Commission in the original contract.

Disabled Veteran Business Enterprise Program (DVBE)

1. ☒ Not Applicable
2. ☐ Meets DVBE Requirements DVBE Amount:\$ _____ DVBE %: _____
- ☐ Contractor is Certified DVBE
 - ☐ Contractor is Subcontracting with a DVBE: _____
3. ☐ Requesting DVBE Exemption (attach CEC 95)

Is Contractor a certified Small Business (SB), Micro Business (MB) or DVBE?

If yes, check appropriate box: ☐ SB ☐ MB ☐ DVBE

Is Contractor subcontracting any services?

	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes
If yes, give company name and identify if they are a Small Business (SB), Micro Business (MB) and/or DVBE:		
	<input type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
	<input type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
	<input type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
	<input type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
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**Miscellaneous Contract Information**

- | | | |
|---|--|---|
| 1. Will there be Work Authorizations? | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes |
| 2. Will there be IT expenditures? | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes |
| 3. Is the Contractor providing confidential information? | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes |
| 4. Is the contractor going to purchase equipment? | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes |
| 5. Check frequency of progress reports | | |
| <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> _____ | | |
| 6. Will a final report be required? | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes |
| 7. Is the contract, with amendments, longer than a year? If yes, why? | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes |

The Department of General Services has agreed to give the Commission blanket authority to execute multi-year contracts to support the Commission's RD&D Programs.

The following items should be attached to this CRF

- | | | |
|---|---|--|
| 1. Scope of Work, Attach as Exhibit A. | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 2. Budget Detail, Attach as Exhibit B. | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 3. CEC 96, NCB Request | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 4. CEC 30, Survey of Prior Work | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 5. CEC 95, DVBE Exemption Request | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 6. Draft CEQA Notice of Exemption (NOE) | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 7. Resumes | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |

_____	_____	_____	_____	_____	_____
Contract Manager	Date	Office Manager	Date	Deputy Director	Date

The following signatures are only required when contract approval is delegated to the Executive Office and not approved at a Business Meeting.
See Business Meeting Information Section.

_____	_____	_____	_____	_____	_____
Presiding Policy Committee	Date	Associate Policy Committee	Date	Executive Director	Date